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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/585,301	07/06/2006	Yorio Takahashi	060448	2359
23850	7590	08/24/2009		
KRATZ, QUINTOS & HANSON, LLP			EXAMINER	
1420 K Street, N.W.			BLOUN, MARK S	
Suite 400				
WASHINGTON, DC 20005			ART UNIT	PAPER NUMBER
			2627	
			MAIL DATE	DELIVERY MODE
			08/24/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/585,301	<b>Applicant(s)</b> TAKAHASHI ET AL.
	<b>Examiner</b> MARK BLOUIN	<b>Art Unit</b> 2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-6 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-6 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08) \_\_\_\_\_  
 Paper No(s)/Mail Date 7/6/06
- 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 5) Notice of Informal Patent Application
- 6) Other: \_\_\_\_\_

## Detailed Action

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Saji et al (US 2002/0159373).
3. Regarding claim 1, Saji et al shows (Figs. 8-13) a disk apparatus comprising a chassis outer sheath having a base body and a lid, in which a front surface of said chassis outer sheath is formed with a disk inserting opening (80w) into which a disk is directly inserted, a connector (811) is disposed on a rear surface of said chassis outer sheath, a traverse is disposed on a side of said disk inserting opening, a printed board (810) is disposed on a side of said connector, said traverse holds a spindle motor (110), a pickup (120) and drive means which drives said pickup, said spindle motor is disposed on a central portion of said base body, a lever (540) which is moved by inserting a disk is provided on the side of the rear surface of said base body, a rear base is provided at a location which is not superposed with said traverse and at a location covering said printed board, an operation pin (540u) is provided on a lower surface of said lever, a disk insertion detecting switch (814) is disposed in the vicinity of a rear portion on said printed board, wherein the moving range of said operation pin is located closer to the rear surface than a turning fulcrum of said lever.

4. Regarding claim 2, Saji et al shows (Figs. 8-13) the disk apparatus, wherein the moving range of said operation pin (540u) is a rear surface side end of said printed board (810).

5. Regarding claim 3, Saji et al shows (Figs. 8-13) the disk apparatus, wherein said operation pin (540u) is disposed such that the moving range of said operation pin is substantially in parallel to said rear surface.

6. Regarding claim 4, Saji et al shows (Figs. 8-13) the disk apparatus, wherein a motion hole of said operation pin (540u) is provided in a moving range of said operation pin on said printed board (810) or a range wider than the moving range.

7. Regarding claim 5, Saji et al shows (Figs. 8-13) the disk apparatus, wherein said disk insertion detecting switch (814) is provided such that a switch lever is disposed close to the rear surface.

8. Regarding claim 6, Saji et al shows (Figs. 8-13) the disk apparatus, wherein a motion hole of said, operation pin (540u) is provided in a moving range of said operation pin on said printed board or a range wider than the moving range.

#### ***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Blouin whose telephone number is 571-272-7583. The examiner can normally be reached on M-F from 6:00 to 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Joe Feild, can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Mark Blouin/

Primary Examiner of Art Unit 2627

Mark Blouin  
Patent Examiner  
Art Unit 2627  
August 20, 2009